

# **(57) Abstract**

This invention concerns the forming of a communication network. The invention offers an arrangement and a method to form a communication network. The inventive arrangement is divided into several modules, such as a logical or physical topology of the network concerning a specific technology, where each one of them represents one layer of the network. Depending on the network that is going to be formed, the necessary modules are used, i.e. the set of modules is chosen to form the network. Certain network parts are formed in a relevant module. Each module uses resources (capacities and routes for connections) from the module below, i.e. a module that represents the layer below, and provides resources to the module above, i.e. a module that represents the layer above. Hence the resource flow is from a module to an adjacent module only, intermediate modules are not bypassed.

(Fig. 3)